

Converting Colors

XYZ(72.8584, 58.0033, 94.1458)

Have a look what the booklet for
XYZ(72.8584, 58.0033, 94.1458)
contains.

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Color

**XYZ(73.0106, 58.1859,
94.5717)**

Conversions

Conversions Part 1

Format	Color
Hex	FFAEF6
RGB	255, 174, 246
RGB Percent	100%, 68%, 96%
CMY	0.0000, 0.3176, 0.0353
CMYK	0.00, 0.32, 0.04, 0.00
HSL	307°, 100%, 84%
HSV	307°, 32%, 100%
XYZ	73.0106, 58.1859, 94.5717
YIQ	206.4270, 25.1640, 39.5640

Conversions

Conversions Part 2

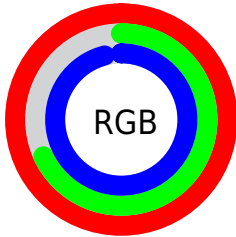
Format	Color
RYB	255, 174, 246
Decimal	16756470
CIELab	80.84, 40.49, -23.85
CIELCh	81, 46.997, 329.499
Yxy	58.1859, 0.3234, 0.2577
Android (android.graphics.Color)	4294946550 (0xFFFFAEF6)
YUV	206.4270, 19.5095, 42.5985
Hunter-Lab	76.2797, 37.3607, -20.1121

Details

The XYZ color **73.0106, 58.1859, 94.5717** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **61.7646, 83.9384, 57.7487**, and the grayscale version is **58.8086, 61.8712, 67.3778**.

A 20% lighter version of the original color is **87.5868, 85.0736, 106.4123**, and **39.0367, 29.0210, 52.2593** is the 20% darker color. If you saturate the color by 10%, you get **68.1124, 49.0800, 90.8104**, and if you desaturate by 10%, it is **78.8530, 69.1692, 98.6820**.

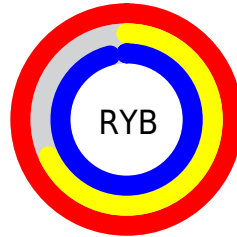
Distribution



Red (100%)

Green (68%)

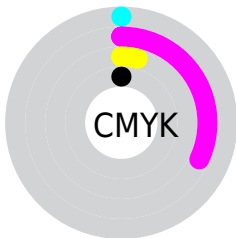
Blue (96%)



Red (100%)

Yellow (68%)

Blue (96%)

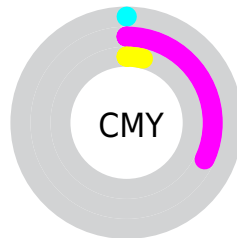


Cyan (0%)

Magenta (32%)

Yellow (4%)

Black (0%)



Cyan (0%)


Magenta (32%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.0106, 58.1859, 94.5717 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 73.0106, 58.1859, 94.5717 by changing the saturation by 10% instead.


 73.0106, 58.1859,
94.5717

 73.0106, 58.1859,
94.5717


460.1548,
417.8783, 563.7422

 54.2730, 41.9581,
71.1836

 122.4953,
102.1935, 155.6632

 39.0515, 29.0685,
52.0093

153.9732,
130.7422, 194.2038

 26.9807, 19.1326,
36.6302


190.4285,
164.1665, 238.6323

 17.6953, 11.7662,
24.6278

232.2267,
202.8510, 289.3672

 10.8298, 6.5847,
15.5835

279.7330,
247.1801, 346.8271

 6.0189, 3.2037,
9.0787

333.3129,

 2.8974, 1.2390,

297.5380, 411.4305

4.6951

393.3317,
354.3093, 483.5961

■ 1.0997, 0.0932,
2.0139

■ 0.0249, 0.0000,
0.5638

■ 73.0106, 58.1859,
94.5717

■ 73.0106, 58.1859,
94.5717

■ 68.1124, 49.0800,
90.8104

■ 78.8530, 69.1692,
98.6820

■ 64.1016, 41.7385,
87.3767

■ 85.6848, 82.1207,
103.1542

■ 60.9210, 36.0469,
84.2522

■ 93.5527, 97.1338,
108.0048

■ 58.5052, 31.8745,
81.4150

■ 95.0500, 100.0000,
108.9000

■ 56.7789, 29.0706,
78.8397

■ 55.6514, 27.4538,
76.4960

■ 55.0593, 26.7877,
74.7015

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



65.0213, 58.1859, 122.2557



73.0106, 58.1859, 94.5717



76.1649, 58.1859, 63.8239

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.0106, 58.1859, 94.5717



55.4676, 58.1859, 23.5033



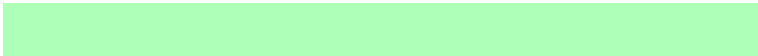
40.5868, 58.1859, 93.5165

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



73.0106, 58.1859, 94.5717



61.7646, 83.9384, 57.7487

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



38.6489, 58.1859, 62.8875



73.0106, 58.1859, 94.5717



46.6065, 58.1859, 27.2676

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.0106, 58.1859, 94.5717



65.3372, 58.1859, 27.5353



40.7200, 58.1859, 39.8958



46.3543, 58.1859, 121.5315

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.0106, 58.1859, 94.5717



74.8474, 58.1859, 47.1231



40.7200, 58.1859, 39.8958



39.4981, 58.1859, 82.9413

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



73.0119, 58.1882, 94.5729



86.9950, 84.6146, 103.9812



52.5034, 47.4522, 100.9997



18.3963, 17.6842, 22.1149



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.0119, 58.1882, 94.5729



69.8486, 52.2937, 92.1865



67.5668, 56.0102, 65.8997



18.7006, 18.2636, 22.3065



28.8046, 14.0111, 39.2169



2.8284, 1.3737, 3.9436

Inverse Universe

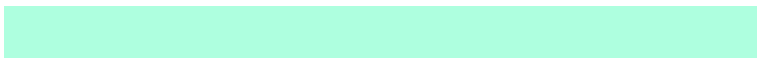
The Inverse Universe completely reimagines the original color for something new.



73.0119, 58.1882, 94.5729



69.8486, 52.2937, 92.1865



66.4825, 85.8256, 82.5932



18.7006, 18.2636, 22.3065



28.8046, 14.0111, 39.2169



2.8284, 1.3737, 3.9436

Previews

White Background



This preview shows how the XYZ color 73.0106, 58.1859, 94.5717 looks on a white background.

Color Contrast Check

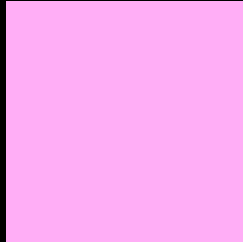
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 73.0106, 58.1859, 94.5717 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

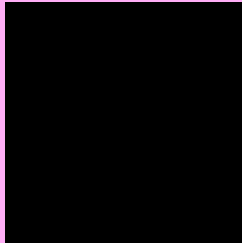
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.0106, 58.1859, 94.5717

Background



This preview shows how black text looks on a background with the XYZ color 73.0106, 58.1859, 94.5717.



This preview shows how white text looks on a background with the XYZ color 73.0106, 58.1859,

94.5717.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

73.0106, 58.1859, 94.5717

Protanopia

58.7231, 58.5060, 102.8055

Deuteranopia

59.8127, 58.6227, 92.1672



Tritanopia

66.0785, 58.0379, 60.5431

Trichromacy



Original Color

73.0106, 58.1859, 94.5717



Protanomaly

62.8481, 57.7041, 99.9210



Deuteranomaly

63.8905, 58.0819, 92.6376



Tritanomaly

68.3707, 58.0580, 71.8928

Monochromacy



Original Color

73.0106, 58.1859, 94.5717



Achromatopsia

58.6655, 61.7207, 67.2138



Achromatomaly

63.0834, 59.6513, 76.5956

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.0106, 58.1859, 94.5717 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(255, 174, 246)` looks like.

```
.text, #text, p{  
    color:rgb(255, 174, 246)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(255, 174, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 174, 246) }
```

Border

The CSS property to change the border of an element to XYZ 73.0106, 58.1859, 94.5717 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 174, 246) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(255, 174, 246) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(255, 174, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 174, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 174, 246);  
box-shadow:4px 4px 4px 4px rgb(255, 174,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 73.0106, 58.1859, 94.5717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 174, 246) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(255,  
174, 246) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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